

### **Abstract**

The user of any of a plurality of personal computers linked over an analog or  
15 digital network is able to edit a file in one of the personal computers. This one  
personal computer is a personal computer capable of multi-tasking which effectively  
permits multi-user access to the file. The host personal computer effectively performs  
polling of the remote personal computers for input to be added to the file or functions  
to be performed on the file. In the analog configuration, the personal computers use  
20 high-speed modems and data compression/decompression techniques.